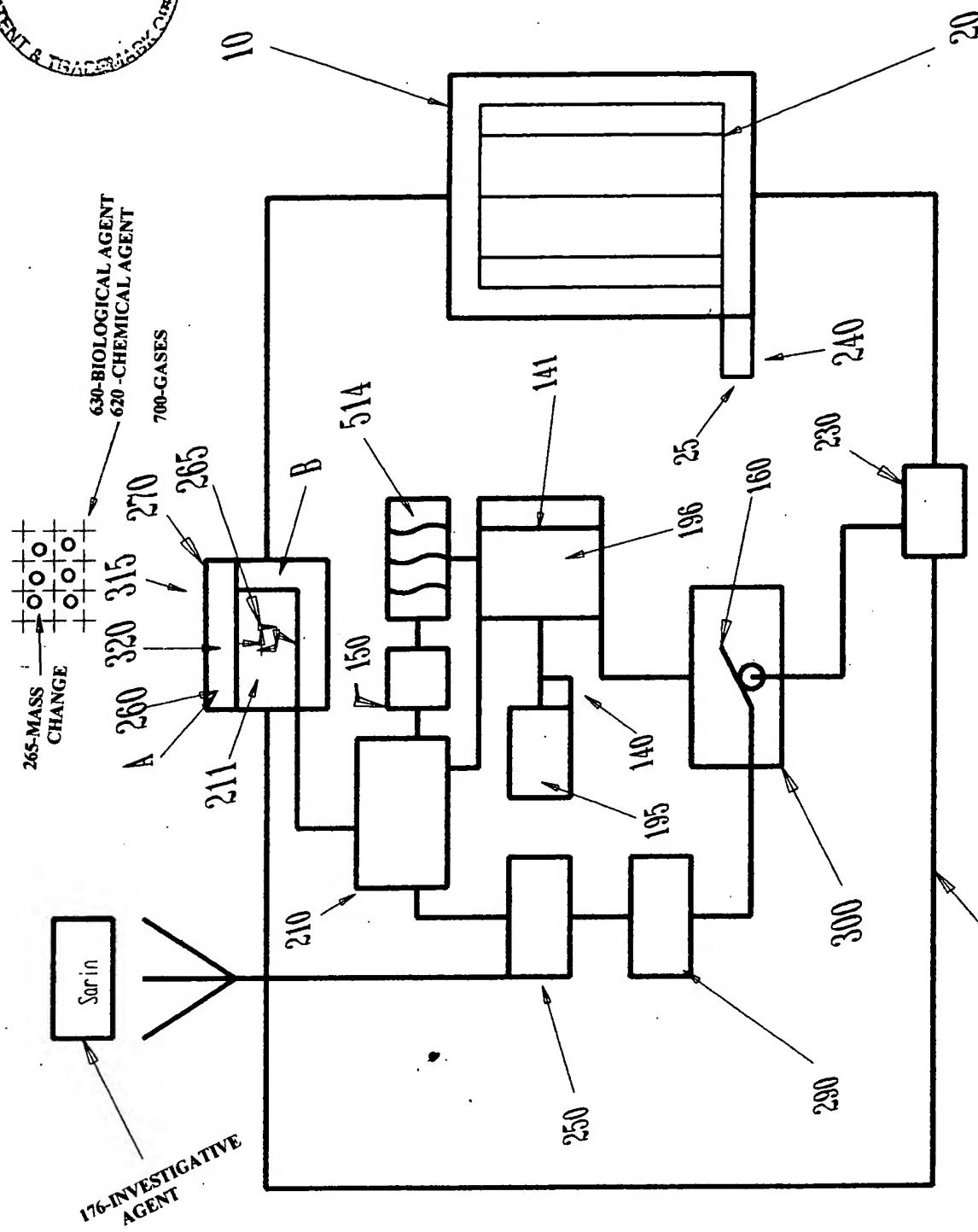




REPLACEMENT SHEET



PIEZOELECTRIC QUARTZ TRANSDUCER
110-RECEPTOR

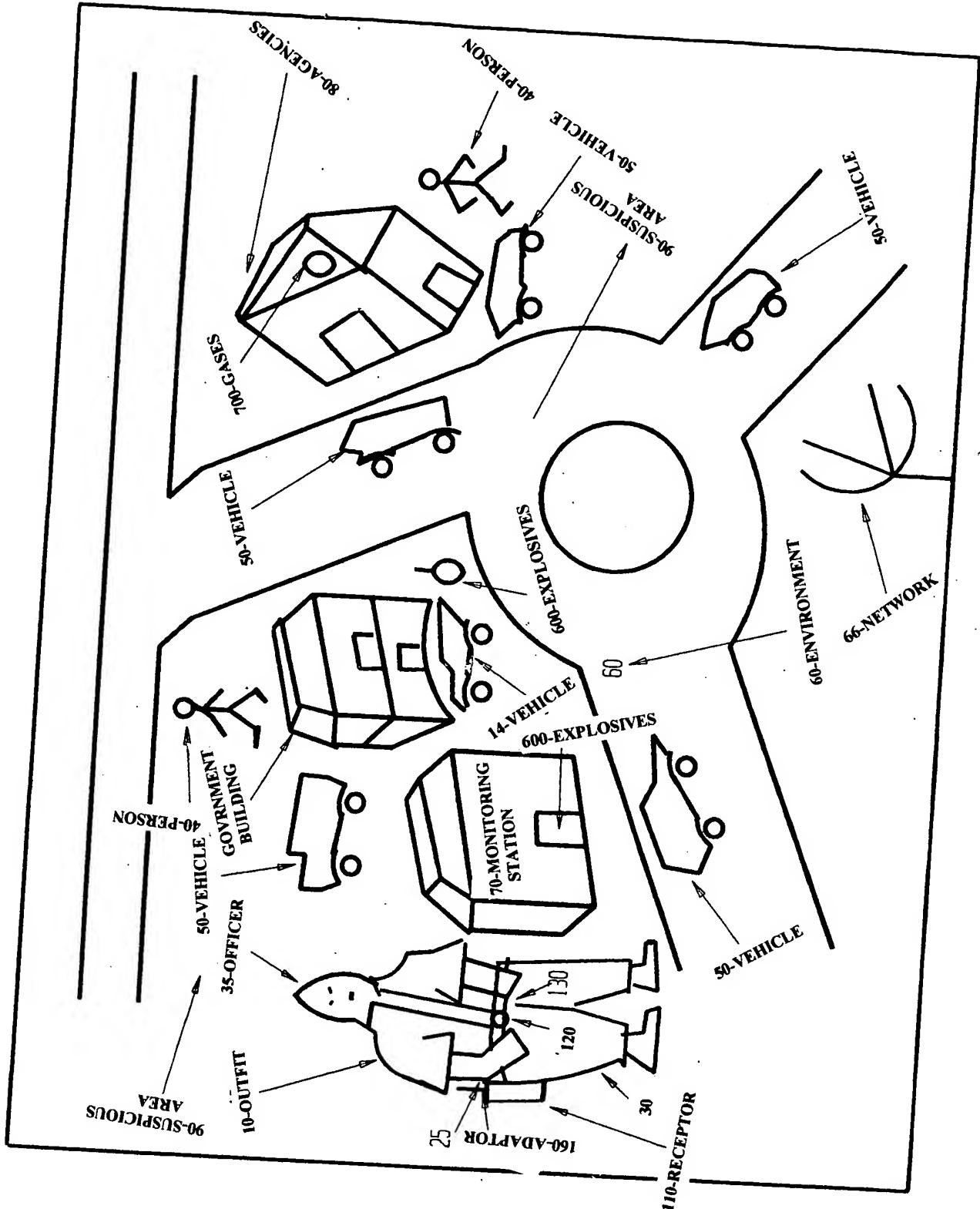
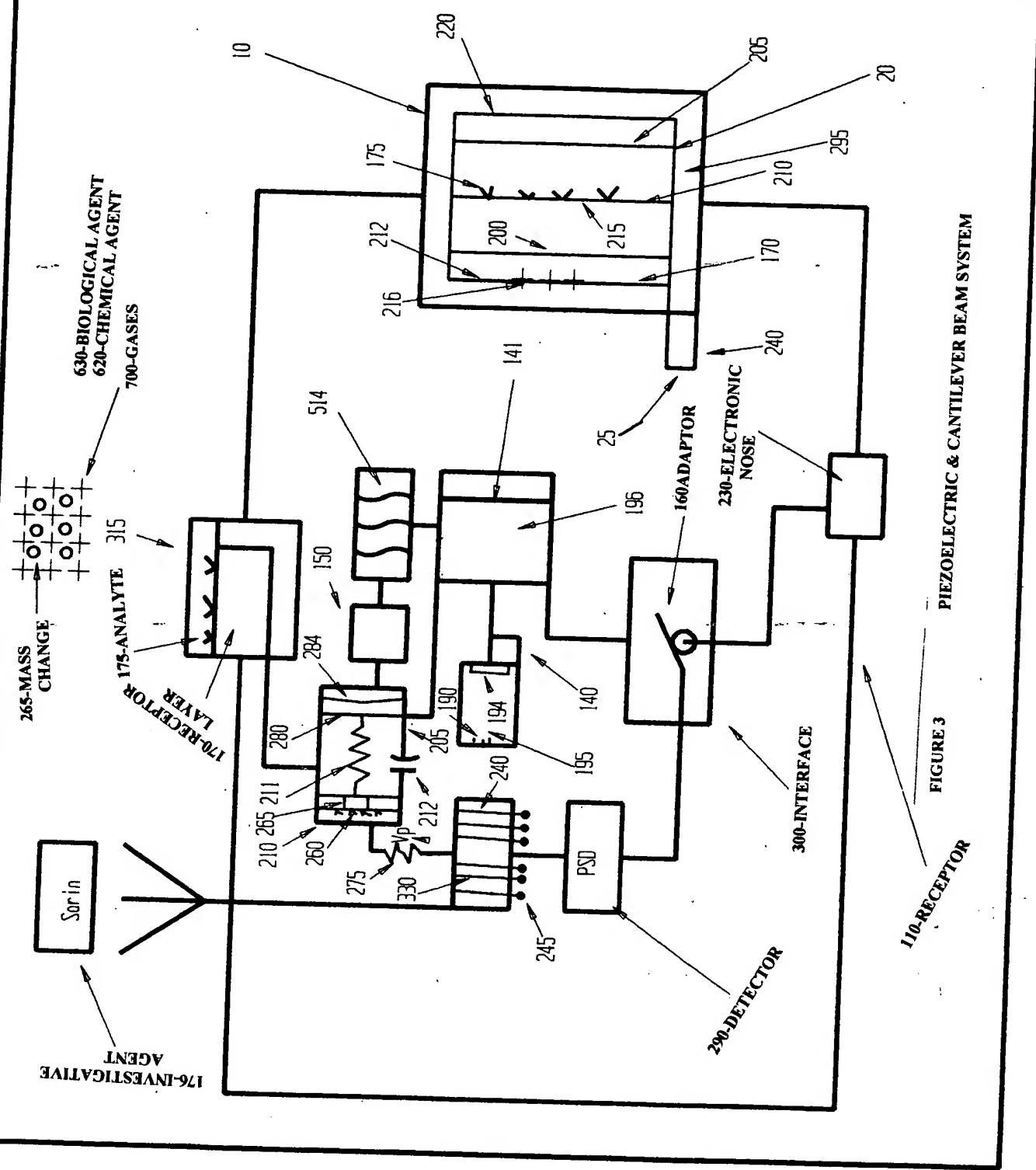
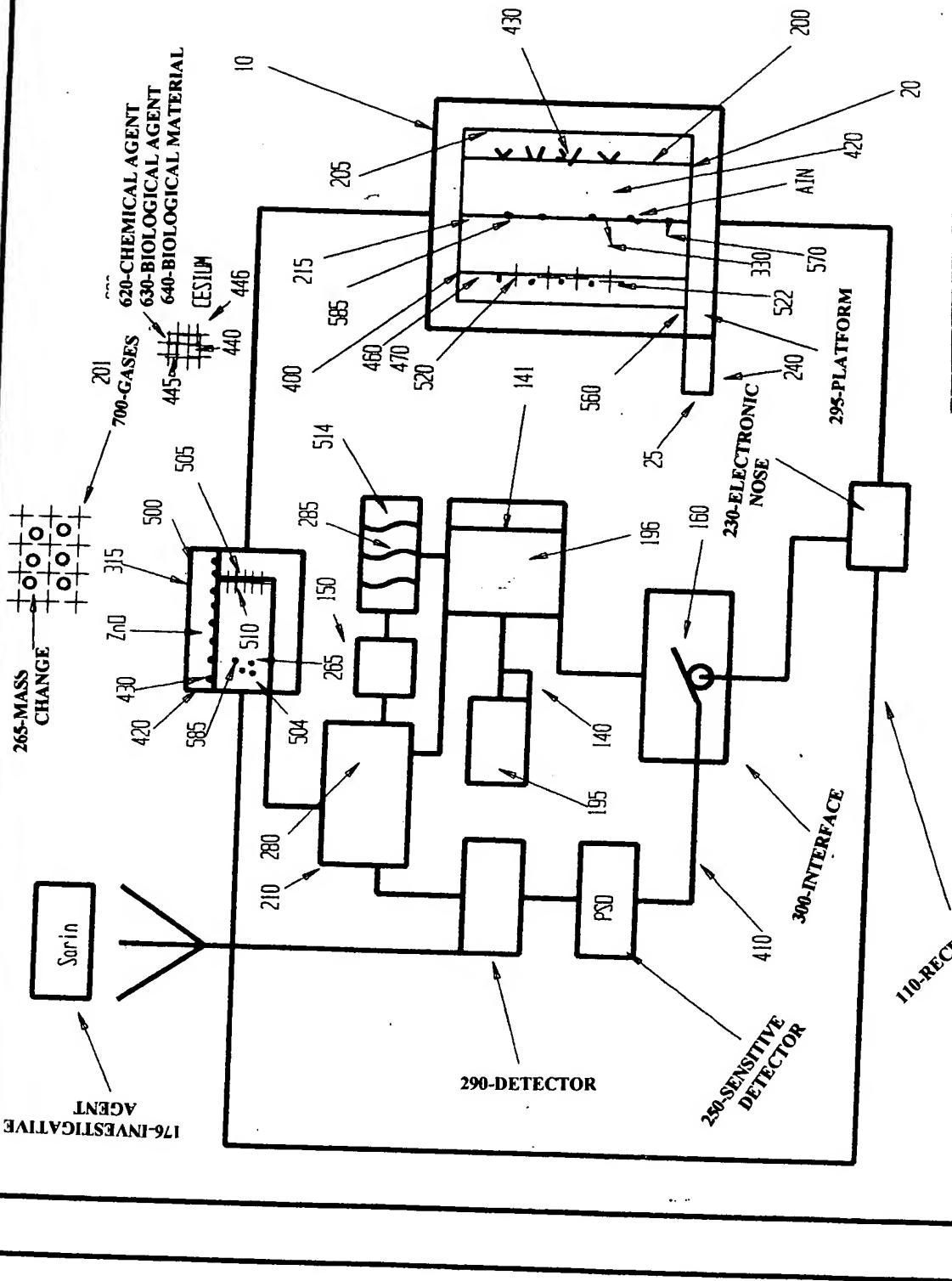


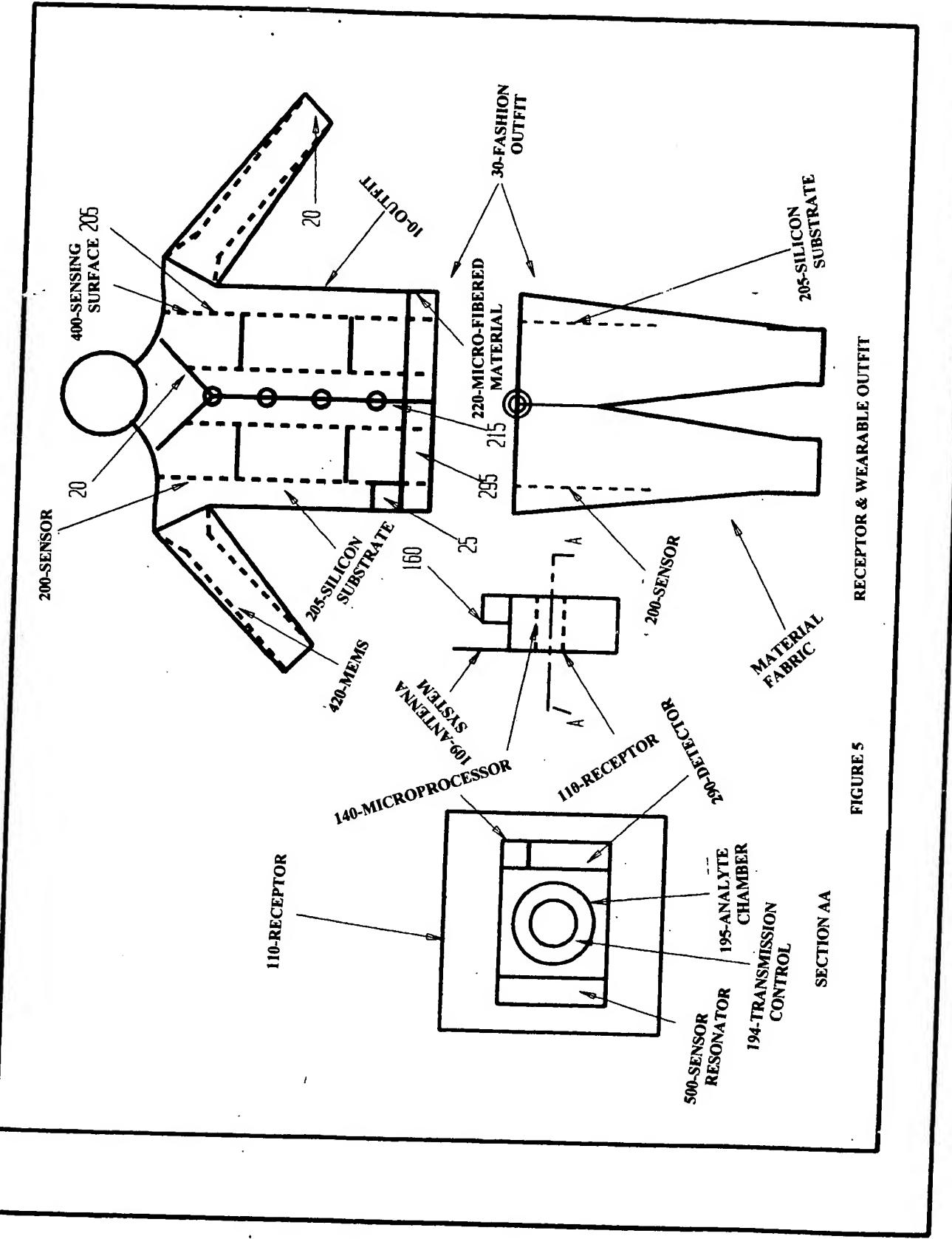
FIGURE 2 | MONITORED ENVIRONMENT





PIEZOELECTRIC & MICRO-ELECTRO-MECHANICAL SYSTEM

FIGURE 4



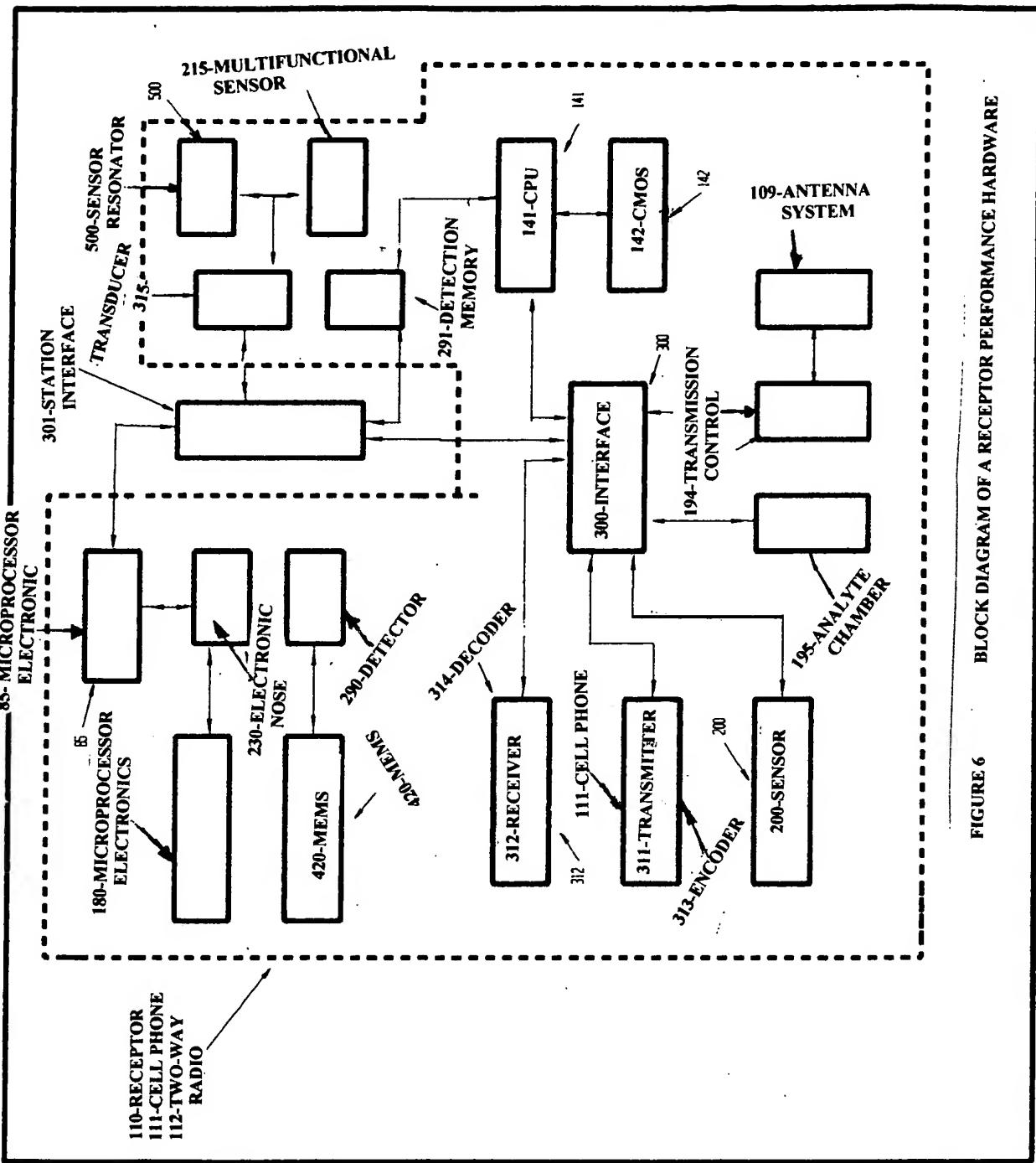


FIGURE 6 BLOCK DIAGRAM OF A RECEPTOR PERFORMANCE HARDWARE

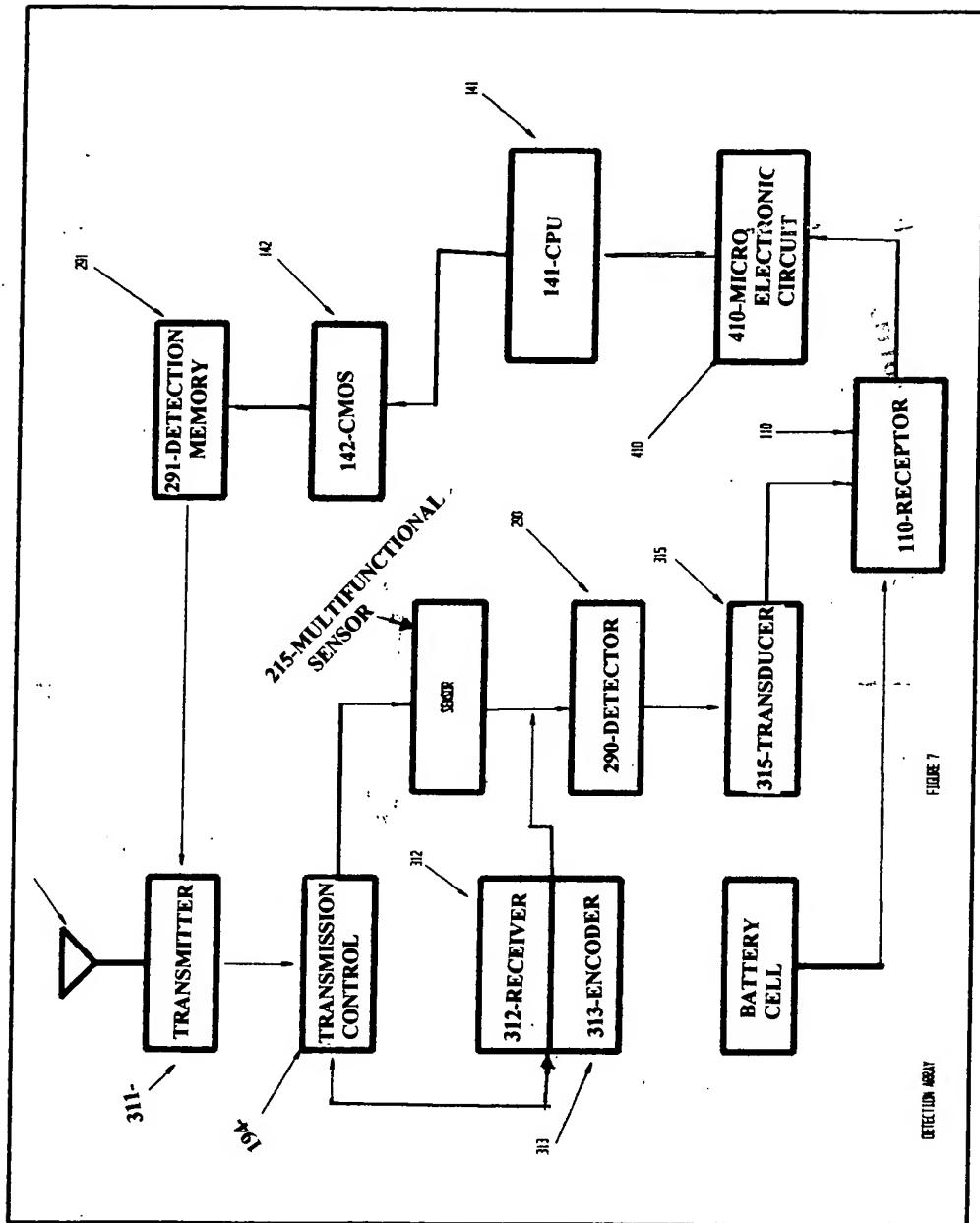


FIGURE 7 DETECTION ARRAY

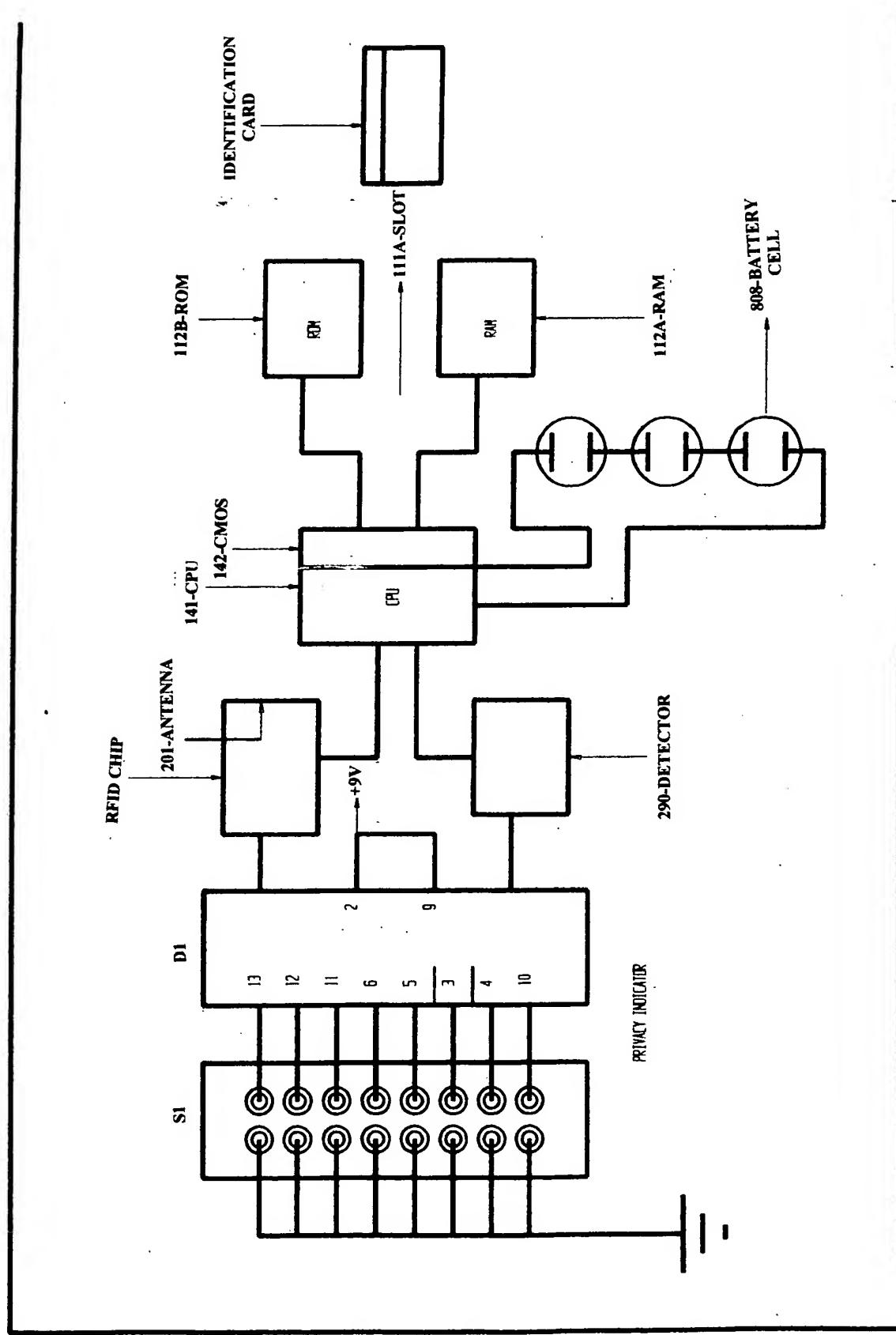


FIGURE 8 RECEPTOR PRIVACY INDICATOR

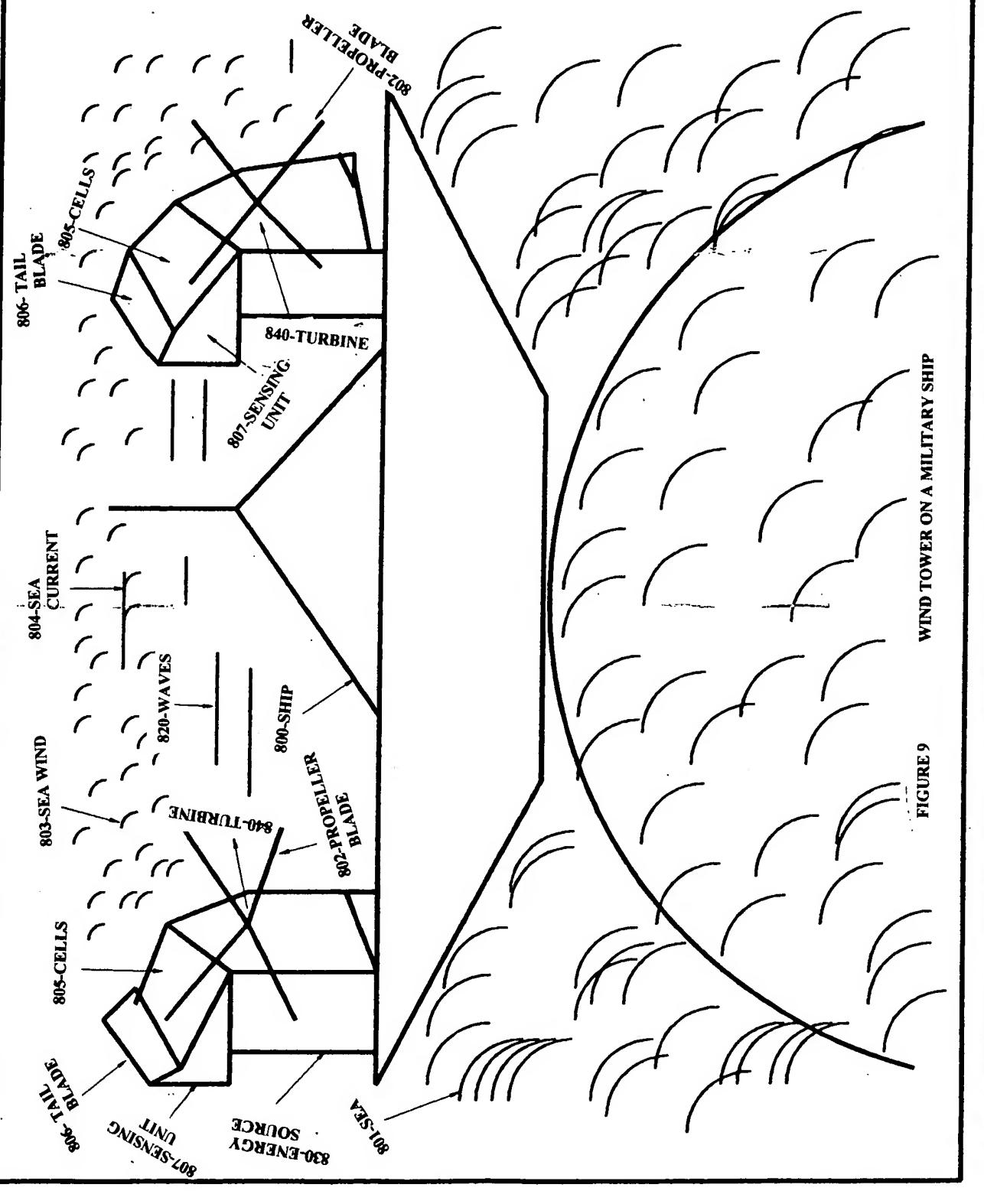


FIGURE 9

WIND TOWER ON A MILITARY SHIP

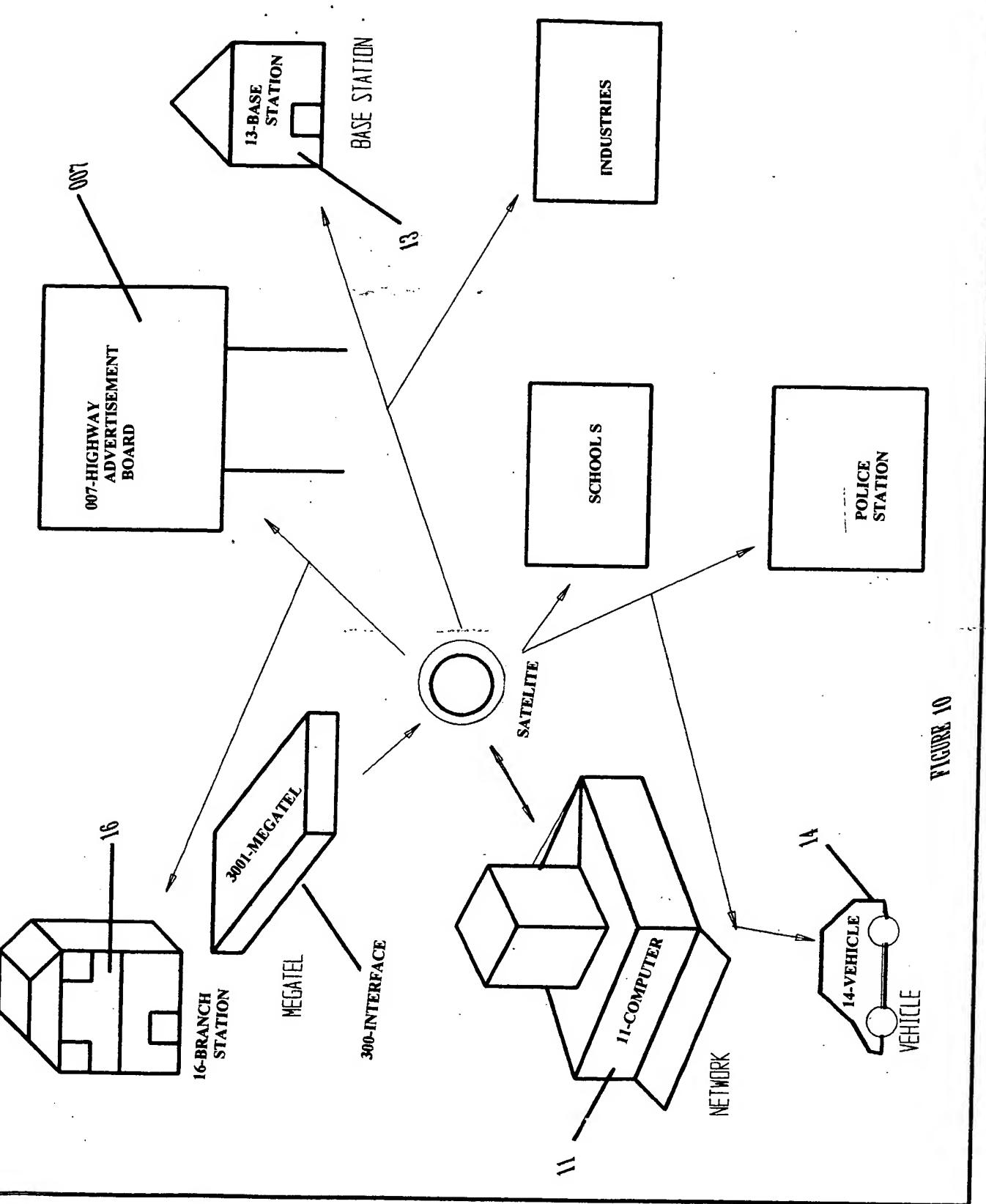


FIGURE 10
VARIOUS NETWORKS

FIGURE 10

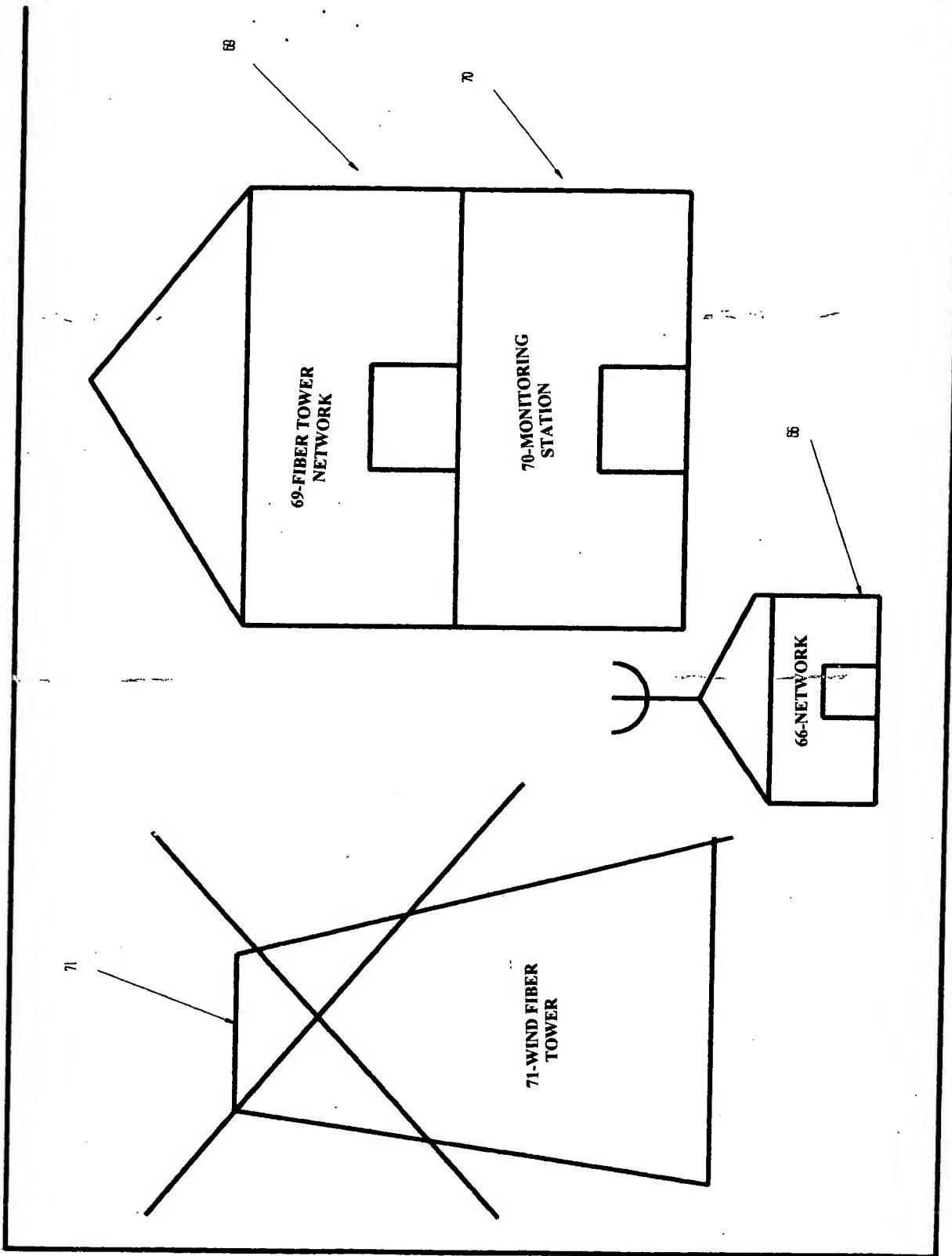


FIGURE 11 NETWORK ENVIRONMENT

312-RECEIVER

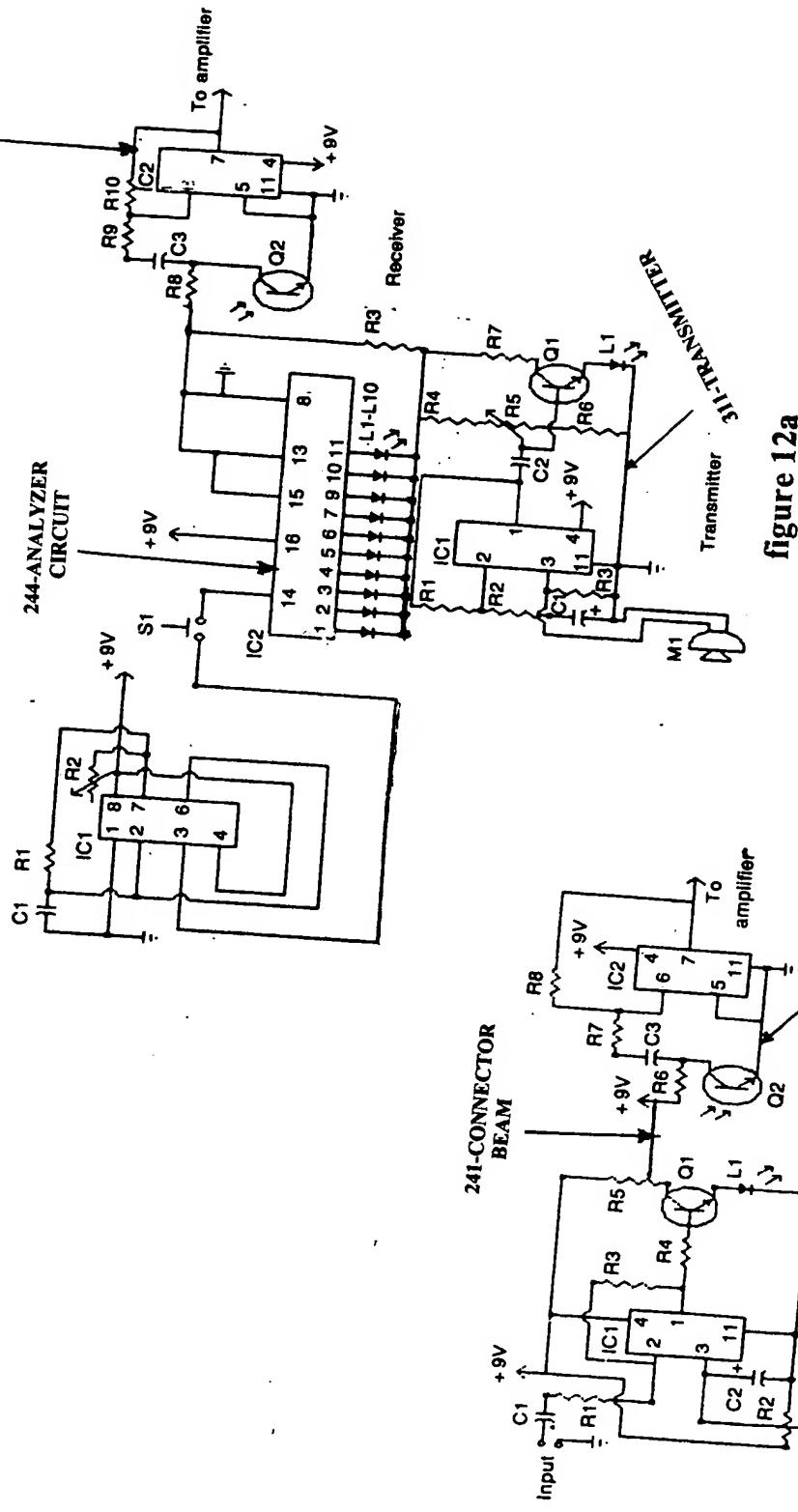


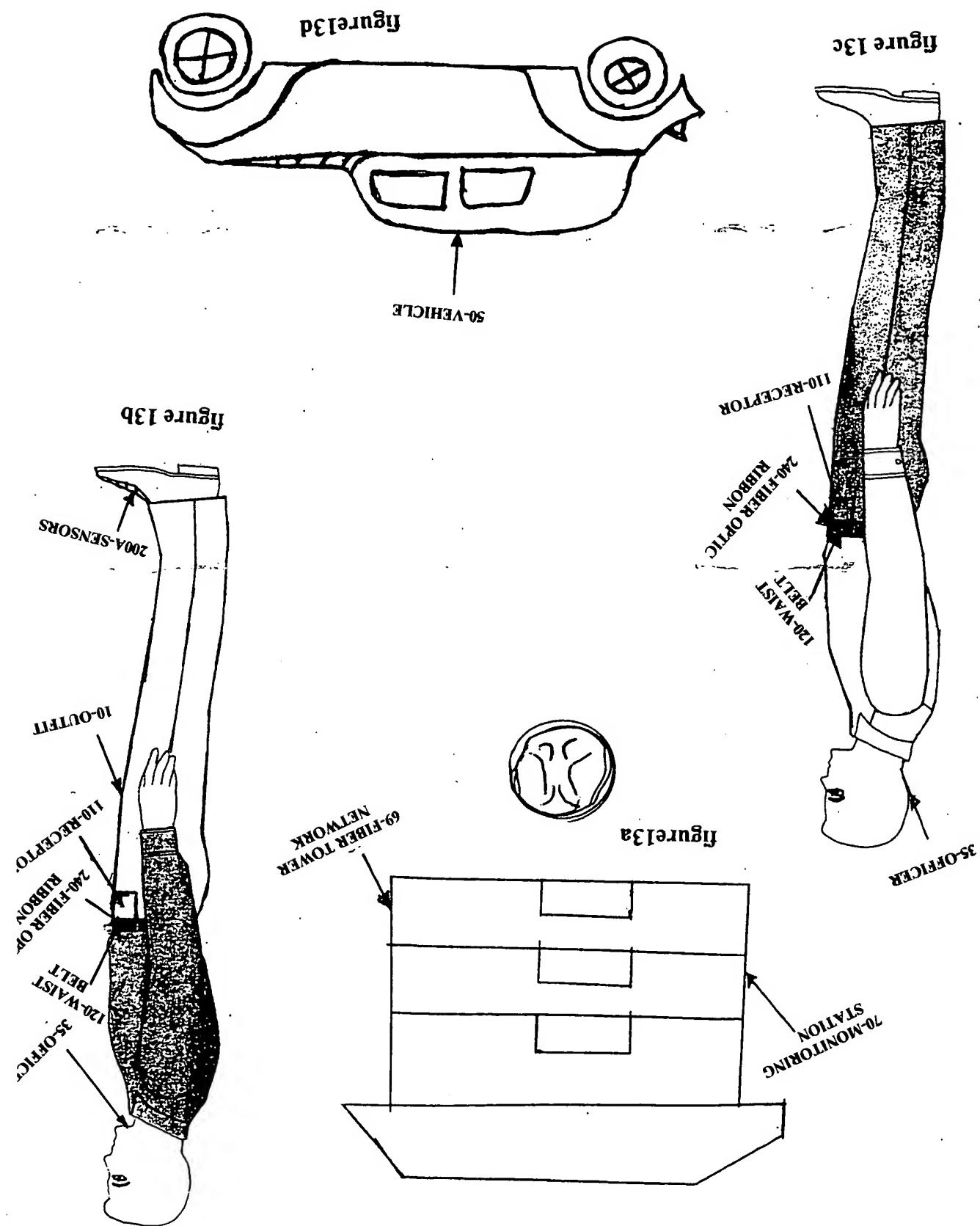
figure 12a

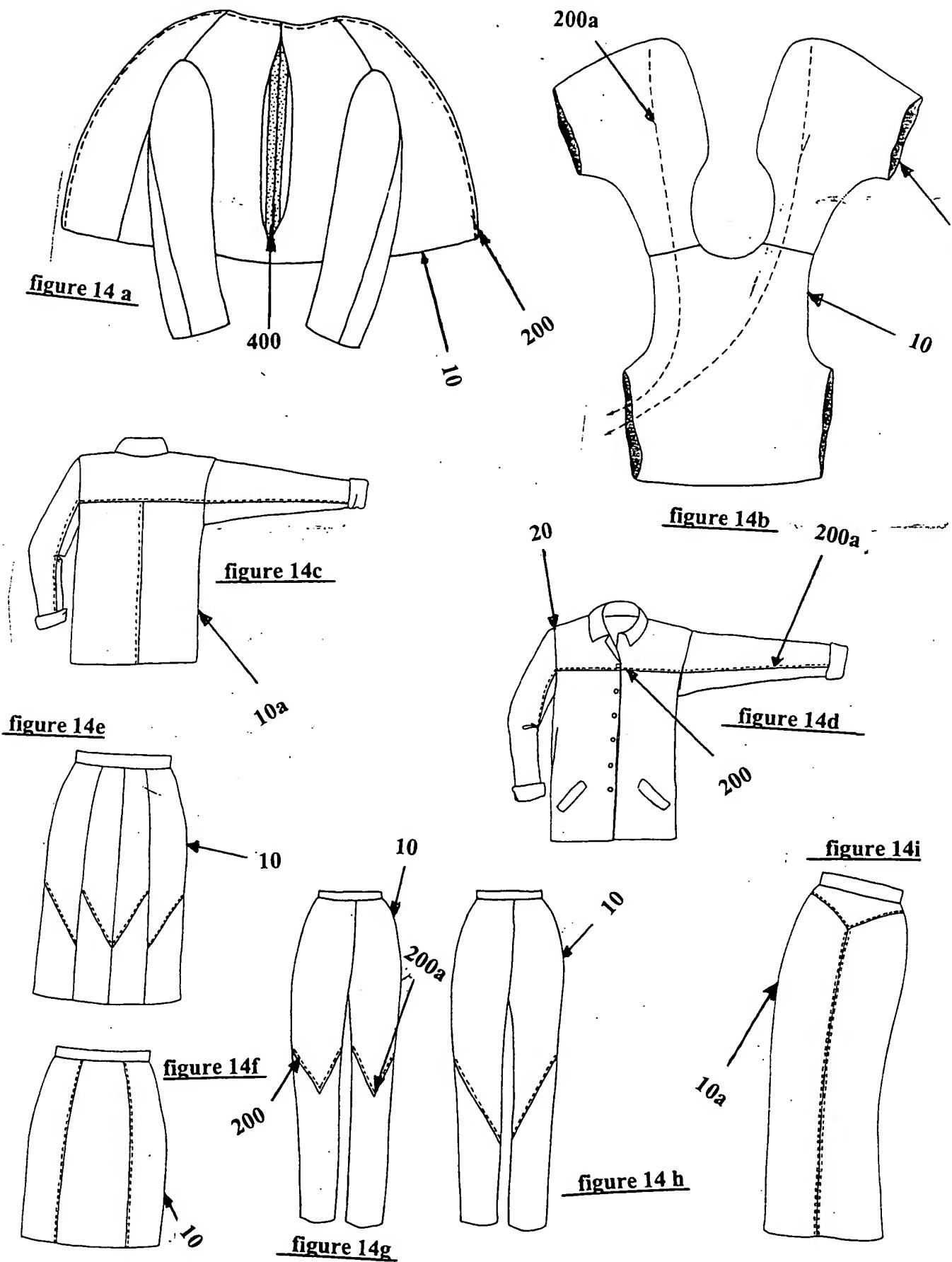
CIRCUIT DIAGRAM FOR RECEIVER AND TRANSMITTER

FIGURE 12

figure 12b

Transmitter 242-TRANSMITTER
Transmitter 244-ANALYZER CIRCUIT
Receiver





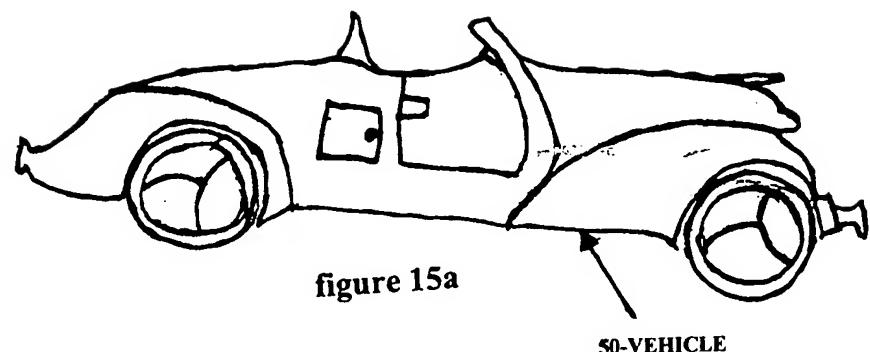


figure 15a

50-VEHICLE

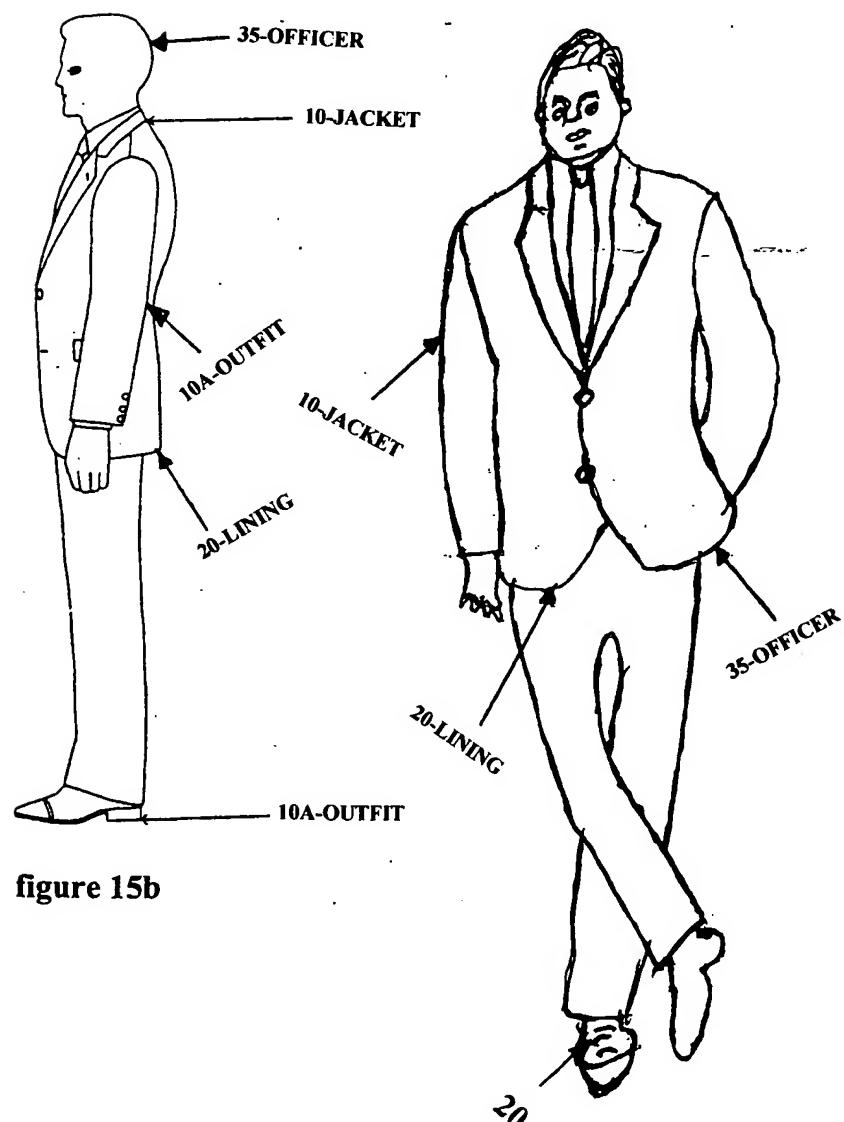


figure 15b

20

figure 15c

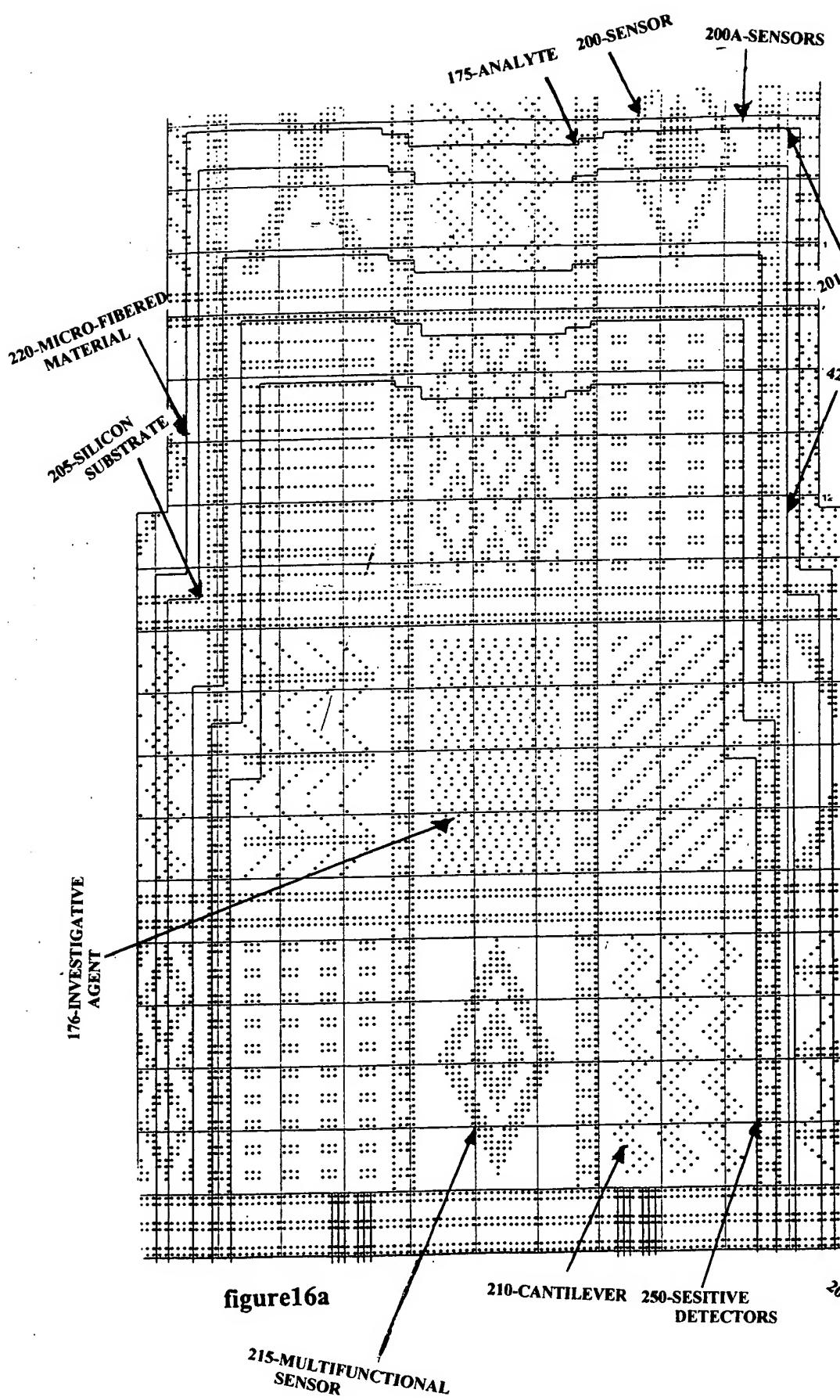


figure16a

215-MULTIFUNCTIONAL
SENSOR

210-CANTILEVER 250-SESTIVE
DETECTORS

200A-SENSORS

figure 16b

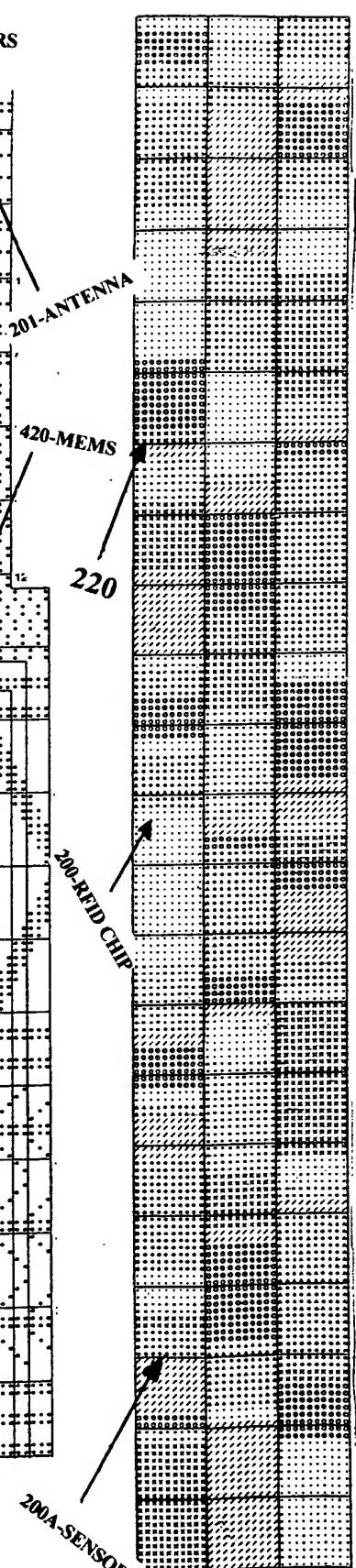


FIGURE 16

MICRO-FIBERED MATERIAL WITH EMBEDDED SENSORS